

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	DPAC TECHNOLOGIES, INC.	)	
Serial No.:	10/620,157	)	Art Unit: 2811
Filing Date:	July 14, 2003	)	Examiner: UNKNOWN
For:	THIN SCALE OUTLINE PACKAGE STACK	)	
		)	

## INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. SECTION 1.97

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Assistant Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

#### Dear Sir/Madam:

Pursuant to 37 C.F.R. § 1.97, the following Information Disclosure Statement is submitted as listed on forms PTO/SB/08A and PTO/SB/08B enclosed herewith in duplicate. Copies of all disclosure documents are attached hereto for the Examiner's review.

No representation is made that the references disclosed herein legally constitute prior art, or that more relevant references are not available. The disclosure documents enclosed herewith and listed on the attached forms (PTO/SB/08A and PTO/SB/08B) are printed in the English language and/or accompanied by an Abstract published in the English language.

The references listed herein, when taken alone or in combination are not believed to disclose nor make obvious the invention as claimed in the subject application.

As this Information Disclosure Statement is being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action,

it is believed that no fee is required.

If a fee is required, please charge Account Number 19-4330.

By:

Respectfully submitted,

Dated: \_\_\_\_\_\_\_\_

Customer No. 007663

Kit M. Stetina

Registration No. 29,445

STETINA BRUNDA GARRED & BRUCKER

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 1 Sheet

С	mpl te if Known
Application Number	10/620.157
Filing Date	July 14, 2003
First Named Inventor	Glen E. Roeters
Art Unit	2811
Examiner Name	unknown
Attorney Docket Number	DENSE-067B

		U.S. PAT	ENT DOCUMENTS	
Examiner Initials*	Cite No. 1 Number - Kind Code 2 (if known)		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US- re36325	10-05-1999	Corbett et al.	
	US-3316455	04-25-1967	Hucke III	
	US- 3340439	09-02-1967	Huncshen et al.	
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	US- 5051865	09-24-1991	Kato	
	US- 5117282	05-26-1992	Salatino	
	US- 5128831	07-07-1992	Fox et al.	
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		US- 6360433	03-26-2002	Ross	
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		FORE	IGN PATENT D	OCUMENTS		
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Sheet 6 of 8

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Attorney Docket Number	DENSE-067B					

		U.S. PATE	NT DOCUMENTS	
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		JP	5688324	07/17/1981	M. OOkata		
		JP	59194460	11/05/1984	K. Hatada		
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		JP	62293749	12/21/1987	Y. Sato		
		JP	1179437	07/17/1989	O. Matsuda		
		JP	1289190	11/21/1989	N. Hidekazu		
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		JP	2239651	09/21/1990	I. Akima		
		JP	3255656	11/14/1991	N. Matsui		

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		JP 4209562	07/30/1992		-	
		JP 6132413	05/13/1994	M. Sakuma		
		JP 677644	03/18/1994			
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Complete if Known Substitute for form 1449B/PTO **Application Number** 10/620.157 INFORMATION DISCLOSURE July 14, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Glen E. Roeters Group Art Unit 2811 (use as many sheets as necessary) **Examiner Name** unknown Attorney Docket Number DENSE-067B of Sheet

	_	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	_
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	٦
		Kenneth Mason Publications, Ltd. England; "Organic Card Device Carrier"; May 1990; Number 313	
		Quadrant Technology, Inc.; "Megabyte per Cubic Inch"; May 1988	
		"Three Dimensional Packaging," Defense Science, May 1988, p. 65	L
		Robert Amunroe, "Ball Grid Array Technology," EDN Products Edition, Jan 1997, pp. 23-24	
		"Stacked Surface Mount Package With Interposing Heat Sink", June 1990, p. 276, IBM Technical Disclosure Bulletin	
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Application Number	10/620.157		
Filing Date	July 14, 2003		
First Named Inventor	Glen E. Roeters		
Art Unit	2811		
Examiner Name	unknown		
Attorney Docket Number	DENSE-067B		

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known,	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- re36325	10-05-1999	Corbett et al.	
		US-3316455	04-25-1967	Hucke III	
		US- 3340439		Huncshen et al.	
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		US- 3746934		Stein	
		US-4371912	02-01-1983	Guzik	
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	US- 5051865	09-24-1991	Kato	
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Attorney Docket Number	DENSE-067B	_

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		US- 5397916	03-14-1995	Normington	
		US- 5432678	07-11-1995	Russell et al.	
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		US- 5700715	12-23-1997.	Pasch	
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Attorney Docket Number	DENSE-067B	

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muais	140.	US- 5776797	07-07-1998	Nicewaner, Jr. et al.	
	_	US- 5818106	10-06-1998	Kunimatsu	
	ļ. —	US- 5834843	11-10-1998	Mori et al.	
	<del>                                     </del>	US- 5857858	01-12-1999	Gorowitz et al.	
		US- 5869353	02-09-1999	Levy et al.	
	<del>                                     </del>	US- 5869896	02-09-1999	Baker et al.	
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		US- 5930603	07-27-1999	Tsuji et al.	
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	1	US- 6222737	04-24-2001	Ross	<del> </del>
	1	US- 6236565 b1	05-22-2001	Gordon	
	1	US- 6262895	07-17-2001	Forthun	
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		US- 6323060	11-27-2001	Isaak	<u> </u>

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Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code 3 - Number 4 - Kind Code 5 (il known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	·
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		"Stacked Surface Mount Package With Interposing Heat Sink", June 1990, p. 276, IBM Technical Disclosure Bulletin	
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		JP 5688324	07/17/1981	M. OOkata		╀
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	├-	JP 60194548	10/03/1985			┼
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<b>}</b>	<b>-</b>	JP 62293749	12/21/1987	Y. Sato		+
	1	JP 1179437	07/17/1989	O. Matsuda		+
		JP 1289190	11/21/1989	N. Hidekazu	<del> </del>	+
		JP 2144986	1 06/04/1990	T. Taketomi		$\top$
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	Signature	Considered	

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Со	mplet if Known
Application Number	10/620.157
Filing Date	July 14, 2003
	Glen E. Roeters
AIT OILL	2811
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Attorney Docket Number	IDENSE-067B

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Examiner	Cite No. 1	Document Number Number-Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner	Cite No.1	Foreign Patent Document  Country Code 3 -Number -Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ <sup>6</sup>
Initials*		JP 4209562	07/30/1992	M. Colauma		
		JP 6132413	05/13/1994 03/18/1994	M. Sakuma		
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